Dial A Dump (EC) Pty Ltd
Groundwater Quality Monitoring

Licensee: Dial A Dump (EC) Pty Ltd
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EPL Nos. 13426

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BH16s		2015		2016				2017				2018				2019				2020			
Pollutant	Units	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
*C10 - C14	µg/L															<50							
*C15 - C28	µg/L															<100							
*C29 - C36	µg/L															<100							
*C6 - C9	µg/L															<10							
*meta & para-Xylene	µg/L															<2							
*Naphthalene	µg/L															<1							
*Nitrate	mg/L													2	0.97	0.82	0.71	0.7	0.82		0.26	0.16	0.3
*Nitrite	mg/L													<0.005	<0.005	0.006	<0.005	0.006	0.006		<0.005	<0.005	<0.005
*ortho-Xylene	µg/L															<0.001							
Alkalinity	mg/L													1000	950	1000	1200	1100	1000		1000	1000	950
Aluminium	mg/L															<0.01							
Arsenic	mg/L															<0.001							
Barium	mg/L															0.066							
Benzene	µg/L															<1							
Cadmium	mg/L															0.0001							
Calcium	mg/L													120	140	110	93	87	97		57	61	58
Chloride	mg/L													1400	1300	1100	860	730	900		340	320	280
Chromium	mg/L															<0.001							
Copper	mg/L															0.045							
Electrical Conductivity	µS/cm													6340	5820	5067	3045	4365	4700		7.39	6.85	7
Ethyl Benzene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY			<1				DRY			
Fluoride	mg/L															0.3							
Lead	mg/L															0.007							
Magnesium	mg/L													220	230	180	150	140	160		75	75	80
Manganese	mg/L															0.015							
Mercury	mg/L															<0.00005							
Nitrate + nitrite	mg/L													2	0.97	0.82	0.71	0.706	0.826		0.3	0.2	0.3
Nitrogen (ammonia)	mg/L													0.04	0.011	0.05	0.03	0.01	<0.005		<0.005	<0.005	0.036
pH														6.91	7.06	7.22	8.39	6.96	7.7		7.39	6.85	7
Phenols	µg/L															<50							
Phosporus	mg/L															0.2							
Potassium	mg/L													19	19	16	14	15	15		9.3	9.4	10
Redox	mV													35	22.2	65.4	101	129.5	-		71.8	3.3	56.2
Sodium	mg/L													1100	970	1100	840	730	800		520	510	500
Standing water level	m AHD													65.9	66.08	66.19	66.2	66.36	66.29		67.52	67.54	67.54
Sulphate	mg/L													490	460	360	310	270	320		210	190	150
Toluene	µg/L															<1							
Total organic carbon	mg/L															27							
Total Petroleum Hydrocarbons	µg/L															<100							
Xylene	µg/L															<1							
Zinc	mg/L															0.39							